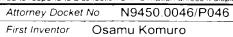
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PROCESS CONDITIONS CHANGE, etc.

Express Mail Label No.

See 37 CFR 1 27 S Specification I Total Pages A1 S Specification I Total Pages A1 S Specification I Total Pages A1 S Specification I Total Pages S Specification I Total Pages S Specification Sequence Listing on Specification Sequence Listing Specification Sequence Listing Specification	Only for new nonprovisional applications under 37 CFR 1 53.b	express Mail Laber No.					
Applicant claims small entity status See 37 CFR 1 27 Applicant Claims small entity status See 37 CFR 1 27 Applicant Claims small entity status See 37 CFR 1 27 Applicant Claims small entity status See 37 CFR 1 27 Applicant Claims small entity status Applicant claims small entity status See 37 CFR 1 27 Applicant claims small entity status Applicant claims small entity status Applicant claims small entity status By See 37 CFR 1 27 Applicant claims small entity status Applicant claims small entity status Constant Pages and predict and application in the cessary. a Domptier Readable Form (CRF) 5 Specification Sequence Listing on CD-R Off or CD-R (2 copies), or ii paper CD-R Off		ADDRESS TO: Commissioner for Patents					
Application Data Sheet See 37 CFR 1 76 8 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1 76 Continuation Divisional Continuation-in-part (CIP) of prior application No Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by efference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Mark J. Thronson 2101 L Street NW Only Washington State DC Zip Code 20037-1526	Applicant claims small entity status See 37 CFR 1 27 X Specification [Total Pages 41] preferred arrangement set forth below Describe tile of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing a table or a computer program listing appendix Backgritund of the Invention Brief Description of the Drawings of filed Detailed Description Cam(s) Abstract of the Disclosure X Drawing(s) (35 U.S.C. 113) [Total Sheets 17] Oath or Declaration [Total Pages 4] X Newly executed (original or copy) Copy from a prior application (37 CFR 1 63(d)) Infor continuation divisional with Box 18 completed: DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application.	Washington, DC 20231 CD-ROM or CD-R in duplicate, large table or Computer Program. Appendix i Nucleotide and or Amino Acid Sequence Submission if applicable, all necessary: a Computer Readable Form (CRF) b Specification Sequence Listing on CD-ROM or CD-R (2 copies), or ii paper c Statements verifying identity of above copies **CCOMPANYING APPLICATIONS PARTS** Year Assignment Papers (cover sheet & document(s)) 37 CFR 3 73(b) Statement Power of Attorney English Translation Document (if applicable) Information Disclosure Statement (IDS) PTO-1449 X Preliminary Amendment X Perum Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) if foreign priority is claimed: Nonpublication Request under 35 U S C. 122 (b)(2)(B)(i)					
The entire disclosure of the prior application, from which an oath or declaration is supplied inder Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by eference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label X Correspondence address below 24998 X	8 If a CONTINUING APPLICATION, check appropriate box, and supplicate under 37 CFR 1.76	ply the requisite information below and in a preliminary amendment, or in an Application					
x Customer Number or Bar Code Label 24998 DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Mark J. Thronson 2101 L Street NW Washington State DC Zip Code 20037-1526	For CONTINUATION or DIVISIONAL APPS only—The entire disci under Box 5b, is considered a part of the disclosure of the accompa eference. The incorporation <u>can only</u> be relied upon when a portion	losure of the prior application, from which an oath or declaration is supplied anying continuation or divisional application and is hereby incorporated by on has been inadvertently omitted from the submitted application parts.					
24998 DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Mark J. Thronson 2101 L Street NW Oity Washington State DC Zip Code 20037-1526	19. CORRE	SPONDENCE ADDRESS					
Mark J. Thronson diddress 2101 L Street NW Sity Washington State DC Zip Code 20037-1526	X Customer Number or Bar Code Label	24998 Correspondence address below					
	Mark J. Thronson	OSHINSKY LLP					
	Washington State	DC Zin Code 20037-1526					
ountry US responding (202) 783-9700 Fax (202) 887-0889							
	Jountry US Telepho	ane (202) 785-9700					
	Signature	Cate February 21 2002					
Comp. 24 2002	Signature	Date February 21, 2002					

FFF TDANCMITTAL	Complete if Known					
FEE TRANSMITTAL	Application Number	Not Yet Assigned				
for FY 2002	Filing Date	Herewith				
Patent fees are subject to annual revision.	First Named Inventor	Osamu Komuro				
	Examiner Name	Not Yet Assigned				
Applicant claims small entity status. See 37 CFR 1 27	Group Art Unit	N/A				
TOTAL AMOUNT OF PAYMENT (\$) 1,144.00	Attorney Docket No.	N9450.0046/P046				

Applicant claims small entity status. See 37 CFR 1	27	Group Art Unit			N/A	N/A		
TOTAL AMOUNT OF PAYMENT (\$) 1,144	.00	Attorney Docket No. N9450.0046/P046						
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
X I Check Card Money Other No	one 3. /	ADDITI	ONAL	FEES				
X Deposit Account	i							
Deposit Deposit	Larg	e Entity	Sma	II Entity				
Account 04-1073	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
Deposit Account Dickstein Shapiro Morin &	105	130	205	65	Surcharge – late filing fee or oath			
Name Oshinsky LLP	127	50	227	25	Surcharge – late provisional filing fee or cover			
The Commissioner is hereby authorized to: check all that apply			!		sheet			
X Charge fee(s) indicated below Credit any overpayme	rts 139	130	139	130	Non-English specification			
X Charge any additional fee(s) during the pendency of this application	147	2.520	147	2.520	For filing a request for ex parte reexamination			
Charge fee(s) indicated below, except for the filing fee	112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
to the above-identified deposit account	113	1.840*	113	1.840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION	115	110	215	55	Extension for reply within first month			
1. BASIC FILING FEE	116	400	216	200	Extension for reply within second month			
Large Entity Small Entity	117	920	217	460	Extension for reply within third month			
Fee Fee Fee Fee Fee Description Fee Pai	d 118	1,440	218	720	Extension for reply within fourth month			
101 740 201 370 Utility filing fee 740 00		1.960	228	980	Extension for reply within fifth month			
106 330 206 165 Design filing fee	119	320	219	160	Notice of Appeal			
107 510 207 255 Plant filing fee	120	320	220	160	Filing a brief in support of an appeal			
108 740 208 370 Reissue filing fee	12*	280	221	140	Request for oral hearing			
114 160 214 80 Provisional filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 740.00	140	110	240	55	Petition to revive – unavoidable			
30B101AE(1) (3) 743.00	141	1,280	24	640	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSU	JE 142	1,280	242	640	Utility issue fee (or reissue)			
Extra Fee from Fee Pa Claims below	id 143	460	243	230	Design issue fee			
Total Claims 12 -20** =	7 144	620	244	υاذ	Plant issue fee			
Independent $\frac{4}{3}$ -3** = $\frac{1}{3}$ x $\frac{84.00}{3}$ = $\frac{84.00}{3}$	122	130	122	130	Petitions to the Commissioner			
Multiple Dependent 280 00 = 280 00	123	50	123	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	126	180	126	180	Submission of Information Disclosure Stmt			
Fee Fee Fee Fee Fee Description	581	40	581	40	Recording each patent assignment per	40.00		
103 18 203 9 Claims in excess of 20	146	740	246	370	property (times number of properties) Filing a submission after final rejection (37 CFR 1 129(a))			
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid	149	740	249	370	For each additional invention to be			
104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 ** Reissue independent claims	179		279	370	examined (37CFR 1 129(b)) Request for Continued Examination (RCE)	\vdash		
110 18 210 9 ** Reissue rildependent claims over original patent	169	900		900	Request for expedited examination of a design application			
and over original patent	Other	fee (spe	cify)			 		
SUBTOTAL (2) (\$) 364 00	SUBTOTAL (2) (\$) 364 00 Reduced by Basic Filing Fee Paid SUBTOTAL (3 (\$) 40 0							
**or number previously paid, if greater. For Reissues, see above	٠ <u>٠</u> ١٠٠٠	··· -c ry	e pare r		30010172(3	40 00		

SUBMITTED BY Complete (if applicable)						
Name (Print Type)	Mark J. Thronson	Registration No Attorne, Agent	33.082	Telephone	(202) 775-4742	
Signature	white			Date	February 21, 2002	

Docket No.: N9450.0046/P046 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Osamu Komuro, et al.

Application No.: Not Yet Assigned

Group Art Unit: N/A

Filed: Herewith

Examiner: Not Yet Assigned

For: P

PROCESS CONDITIONS CHANGE MONITORING SYSTEMS THAT USE ELECTRON BEAMS, AND RELATED

MONITORING METHODS

SUBSTITUTE DRAWINGS

Commissioner for Patents Washington, DC 20231

Dear Sir:

Preliminary to examination, please substitute the enclosed drawing for original sheet 7. Figs. 17(a) and 17(b) are renumbered as Figs. 7(a) and 7(b). Favorable examination of the application is solicited.

Dated: February 22, 2002

Respectfully submitted,

Mark J. Thronson

Registration No., 33,082

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Attorneys for Applicant